

Form PTO-1449 (Rev. 2-32)				U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 034298-123		Serial No. 10/068,812	
Information Disclosure Statement by Applicant						Applicant: Richard J. Greff			
(Use several sheets if necessary)						Filed: February 4, 2002		Group: 3761	
U.S. Patent Documents									
Init.		Document No.	Date	Name	Class	Subclass	Filing Date		
	A	2,507,244	May 9, 1950	Correll, et al.	260	117	Apr. 14, 1947		
	B	2,558,395	June 26, 1951	Andre Studer, Basel	167	65	Mar. 26, 1948		
	C	4,238,480	Dec. 9, 1980	Sawyer	424	177	May 19, 1978		
	D	4,292,972	Oct. 6, 1981	Pawelchak et al.	128	296	Jul. 9, 1980		
	E	4,404,970	Sep. 20, 1983	Sawyer	128	325	Jul. 22, 1980		
	F	6,086,607	Jul. 11, 2000	Cragg, et al.	606	213	Feb. 10, 1999		
	G	6,162,192	Dec. 19, 2000	Cragg, et al.	604	15	May 1, 1998		
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Foreign Documents									
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Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)									
	H	Correll, et al, Proc. Soc. Exp. Biol. N.Y., 58:233 (1945)							
	I	Correll, et al., Surg. Gyn. And Obst., 82:585 (1945)							
Examiner					Date Considered				
Isis Gdali					03/26/03				
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U.S. Patent Documents									
Init.		Document No.	Date	Name	Class	Subclass	Filing Date		
P	A	581,235		Kenyon					4/1897
	B	1,578,517		Hein					3/1926
	C	2,086,580		Shirley					7/1937
	D	2,492,458		Bering, Jr.					12/1946
	E	2,597,011		MacMasters et al.					5/1952
	F	2,680,442		Linzmayr					6/1954
	G	2,761,446		Reed					9/1956
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	I	2,824,092		Thompson					2/1959
	J	3,157,524		Artandi					11/64
	K	3,724,465		Duchanc					
	L	4,000,741		Binard, et al.					1/77
	M	4,211,323		Olsen					7/80
	N	4,218,155		Weidner					8/80
	O	4,323,072		Rosenbluth, et al.					4/82
	P	4,340,066		Shah					7/82
	Q	4,390,018		Zulowski					6/83
	R	4,515,637		Cioca					5/85
	S	4,587,969		Gillis					5/86
	T	4,588,395		Lemelson					5/86
	U	4,619,261		Guerriero					10/86
	V	4,619,913		Luck, et al.					10/86
	W	4,645,488		Matukas					2/87
	X	4,744,364		Kensey					8/89
	Y	4,790,819		Li, et al.					12/88
	Z	4,852,568		Kensey					8/89
	A1	4,890,612		Kensey					1/90
	B1	4,900,303		Lemelson					2/90
	C1	4,929,246		Sinofaky					5/90
	D1	4,936,835		Haaga					6/90
	E1	4,950,234		Fujioka et al.					8/90
	F1	5,007,895		Burnett					4/91
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Init.		Document No.	Date	Name	Class	Subclass	Filing Date
<i>P</i>	G1	5,021,059		Kensey et al.			6/91
	H1	5,053,046		Janese			10/91
	I1	5,061,274		Kensey			10/91
	J1	5,080,655		Haaga			1/92
	K1	5,108,421		Fowler			4/92
	L1	5,163,904		Lampropoulous, et al.			11/92
	M1	5,167,624		Butler, et al.			12/92
	N1	5,192,300		Fowler			3/93
	O1	5,192,301		Kamiya, et al.			3/93
	P1	5,195,988		Haaga			3/93
	Q1	5,220,926		Jones			6/93
	R1	5,221,259		Weldon, et al.			6/93
	S1	5,275,616		Fowler			1/94
	T1	5,310,407		Casale			5/94
	U1	5,322,515		Karas, et al.			6/94
	V1	5,325,857		Nabai, et al.			7/94
	W1	5,334,216		Vidal, et al.			8/94
	X1	5,366,480		Corriveau, et al.			11/94
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	B2	5,385,550		Su, et al.			1/95
	C2	5,388,588		Nabai, et al.			2/95
	D2	5,391,183		Janzen et al.			2/95
	E2	5,417,699		Klein			5/95
	F2	5,437,292		Kipshidze			8/95
	G2	5,437,631		Janzen			8/95
	H2	5,443,481		Lee			8/95
	I2	5,467,780		Nabai, et al.			11/95
	J2	5,478,352		Fowler			12/95
	K2	5,479,936		Nabai, et al.			1/96
<i>L</i>	L2	5,486,195		Myers			1/96
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Init.		Document No.	Date	Name	Class	Subclass	Filing Date
<i>J</i>	M2	5,490,736		Haber			2/96
	N2	5,522,840		Krajicek			6/96
	O2	5,522,850		Yomtov, et al.			6/96
	P2	5,526,822		Burbank et al.			6/96
	Q2	5,527,332		Clement			6/96
	R2	5,529,577		Hammershiag			6/96
	S2	5,540,715		Katsaros, et al.			6/96
	T2	5,542,914		Van Ilen			
	U2	5,545,178		Kensey, et al.			8/96
	V2	5,558,853		Quay			9/96
	W2	5,591,204		Janzen, et al.			1/97
	X2	5,591,205		Fowler			1/97
	Y2	5,601,602		Fowler			2/97
	Z2	5,645,566		Brennenman, et al.			7/97
	A3	5,653,730		Hammershiag			8/87
	B3	5,665,107		Hammershiag			9/97
	C3	5,649,547		Ritchart, et al.			7/97
	D3	5,676,689		Kensey			10/97
	E3	5,681,279		Roper, et al.			10/97
	F3	5,716,375		Fowler			02/98
	G3	5,725,498		Janzen et al.			3/98
	H3	5,741,223		Janzen et al.			04/98
	I3	5,769,086		Ritchart et al.			6/98
	J3	5,775,333		Burbank et al.			7/98
	K3	5,800,389		Burney et al.			9/98
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	M3	5,830,130		Janzen et al.			11/98
	N3	5,902,310		Foerster et al.			5/99
	O3	5,858,008		Capaccio			1/99
<i>J</i>	P3	6,027,471		Fallon et al.			2/00
	Q3	6,027,482		Imbert			2/00
	R3	6,161,034		Burbank et al.			12/00
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Page 5 of 7

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<i>28</i>	P4	Allison, D., et al., "Percutaneous liver biopsy and track embolization with steel coils", Radiology, Vol. 169, pp. 261-263, (1998)		
<i>28</i>	Q4	J. Bryne Review Article: Endovascular treatments for intracranial aneurysms, 1996 The British journal of radiology, 98,891-899		
<i>28</i>	R4	Chuang, V., et al., "Sheath needle for liver biopsy in high-risk patient", Radiology, vol. 166, pp. 261-262 (1988)		
<i>28</i>	S4	John T. Correll, et al., A new Physiologically absorbable sponge		
<i>28</i>	T4	John T. Correll, et al. Biologic investigations of new absorbable sponge; pg 585		
<i>28</i>	U4	Fandrich, C., et al. "Small gauge gelfoam plug liver biopsy in high risk patients", Australian Radiology, vol. 40, pp. 230-234 (1996)		
<i>28</i>	V4	Foran, JPM, et al. "Early mobilisation after percutaneous cardiac catheterisation using collagen plug (vascular) haemostasis" BRHeart, vol. 69, pp. 424-429 (1993)		
<i>28</i>	W4	Gibbs, JSR, "Femoral arterial hemostasis" J. Interventional card, vol. 5, pp. 85-88 (1992)		
<i>28</i>	X4	Journal of interventional cardiology volume 5 no. 2 June		
<i>28</i>	Y4	Kassell, et al. Size of Intracranial aneurysm; vol. 12, no. 3, (1983)		
<i>28</i>	Z4	Kiemeneij, F, et al., "Improved anticoagulation management after Palmaz Schatz coronary stent implantation by sealing the arterial puncture site with vascular hemostasis device", Catheterization and Cardiovascular diagnosis, vol. 30, pp. 1685- 1692 (1995)		
<i>28</i>	A5	Kussmaul, WG, "Rapid arterial hemostasis", J. Am. Coll. Card., vol. 25, pp. 1685-1692 (1995)		
<i>28</i>	B5	Pharmacia & Upjohn manufacturer brochure "gelfoam sterile sponge, sterile powder and sterile film, pp 1-34 (May 1997)		
<i>28</i>	C5	Pharmacia & Upjohn manufacturer brochure "gelfoam sterile powder ", (Feb. 1996)		
<i>28</i>	D5	Pharmacia & Upjohn manufacturer brochure, "gelfoam sterile powder" (March 1996)		
<i>28</i>	E5	Pharmacia & Upjohn manufacturer brochure (Sep. 1996)		
<i>28</i>	F5	Pharmacia & Upjohn manufacturer specification, "Gelfoam sterile sponge, sterile powder and sterile film" pp. 1-23 (Nov. 1996)		
<i>28</i>	G5			
<i>28</i>	H5	Riley, SA, Percutaneous liver biopsy with plugging of needle track: a safe method for use in patients with impaired coagulation, The lancet, p. 436 (1964)		
<i>28</i>	I5	Sanborn, T. Multicenter randomized trial comparing percutaneous collagen hemostasis device with conventional manual compression after diagnostic angiography and angioplasty, J. Am. Coll. Card., Vol. 22, pp. 1273-1279, (1993)		
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Foreign Documents									
Translation									
Init.		Document No.	Date	Country	Class	Subclass	Yes	No	
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K5		0476178	3/92	EP					
L5		0482350	04/92	EP					
M5		0557963	02/93	EP					
N5		0637431	11/94	EP					
O5		1509023	04/78	UK					
P5		1569660		UK					
Q5		1088709A	04/84	Russia					
R5		782814	11/80	Russia					
S5		2641692	07/90	France					
T5		WO 91/12847	09/91	PCT WO					
U5		WO 94/02072		PCT WO					
V5		WO 96/08208	03/96	PCT WO					
W5		WO 98/06346	02/98	PCT WO					
X5		WO 99/66834	12/99	PCT WO					
Y5		WO 94/28800	12/94	PCT WO					
Z5		WO 95/28124	10/95	PCT WO					
A6		WO 95/32671	12/95	PCT WO					
B6		WO 95/32669	12/95	PCT WO					
C6		WO 96/24290	08/96	PCT WO					
Examiner <i>W. G. Hall</i> Date Considered <i>3/26/04</i>									
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<input checked="" type="checkbox"/>	D6	Schievink, et al. The new england journal of medicine; review articles; intracranial aneurysms; Jan. 2 1997		
<input checked="" type="checkbox"/>	E6	Scharader, R. "Collagen appl.", Catheterization & cardiovascular diagnosis (1992) pp. 298-302		
<input checked="" type="checkbox"/>	F6	Silber, S., "Rapid hemostasis of arterial puncture sites with collagen in patients undergoing diagnostic interventional cardiac catheterization", clinical cardiology, vol. 20, pp. 981-992, (1997)		
<input checked="" type="checkbox"/>	G6	Smith, T., "Percutaneous transhepatic liver biopsy with tract embolization", Radiology, vol. 198, pp. 769-774 (1996)		
<input checked="" type="checkbox"/>	H6	Szikora, et al. Combined Use of stents and cells to treat experimental wide-necked carotid aneurysms: Preliminary results; AJNR AM newradiol 15: 1091-1102, June 94		
<input checked="" type="checkbox"/>	I6	Szikora, et al. Endovascular treatment of experimental aneurysms with liquid polymers: vol. 38, no. 2, Feb. 96		
<input checked="" type="checkbox"/>	J6	Turjman, et al. Combined stent implantation & endosacular coil placement for treatment of experimental wide-necked aneurysms: AJNRAM J. Neuroradio 15: 1087-1090 June 94		
<input checked="" type="checkbox"/>	K6	Yoshimoto, et al cerebral aneurysms unrelated to arterial bifurcations; Acta neurochir (Wien) (96) 138: 958-964		
<input checked="" type="checkbox"/>	L6	Zins, M., "US-guided percutaneous liver biopsy with plugging of the needle track" radiology, vol. 187, pp. 841-843, (1992)		
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